

DATABASE SYSTEM

NAME:-

Muhammad Waleed

ROLL NO.:-

110839

ASSIGNMENT No. 2

ENTITY RELATIONSHIP DIAGRAM:-

An ERD

is a graphical representation of entities and their relationships in a database.

Entities represent real-world objects, and relationships define how they interact. Relationships are categorized into three types

- 1- Unary Relationship
- 2- Binary Relationship
- 3- Ternary Relationship

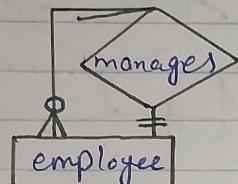
1- UNARY RELATIONSHIP:-

is only one entity and it is self referencing.

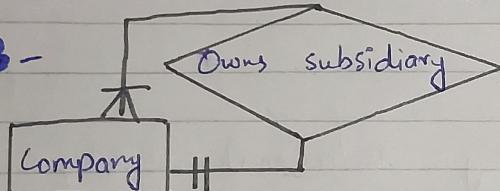
In unary relationship there

EXAMPLES:-

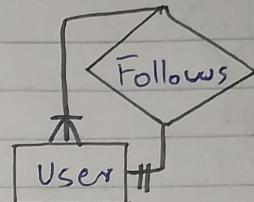
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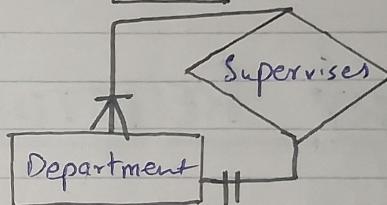
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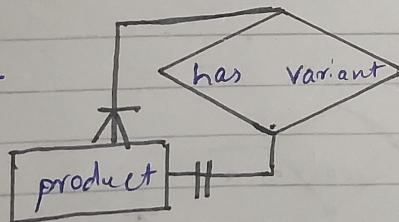
2-



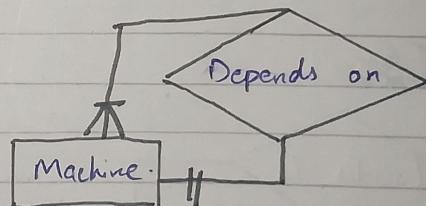
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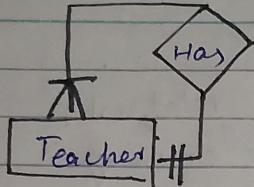
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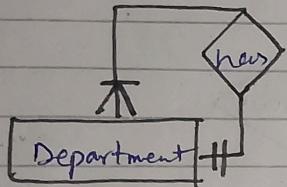
6-



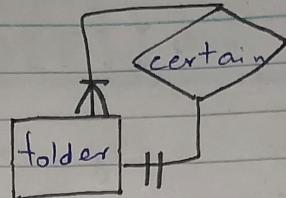
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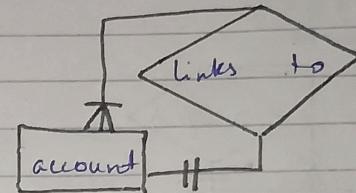
9-



8-



10-



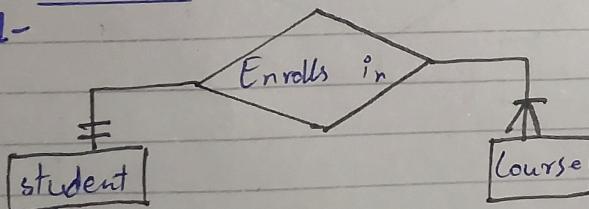
2- BINARY RELATIONSHIP:-

Two entities.

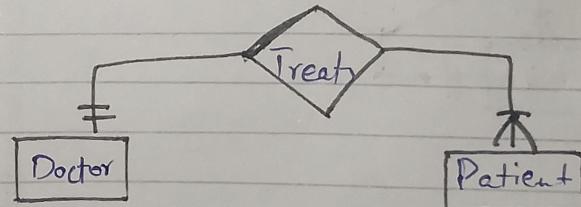
Binary relationship contains

EXAMPLES:-

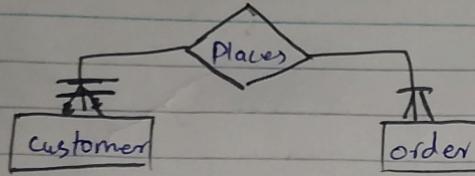
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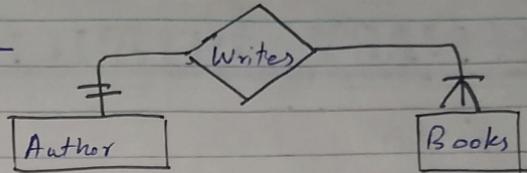
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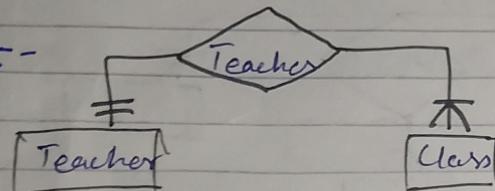
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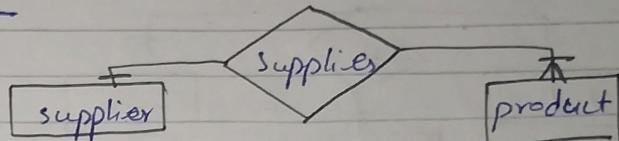
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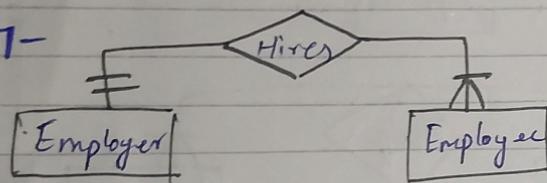
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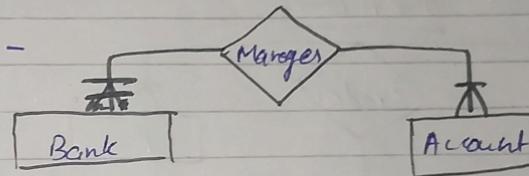
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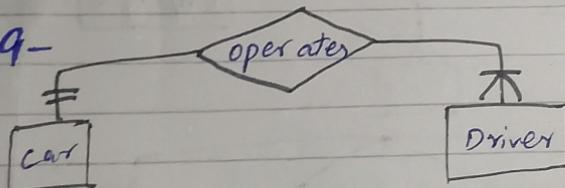
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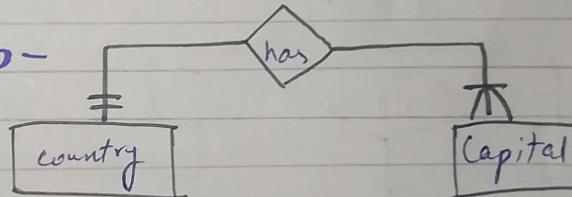
8-



9-



10-

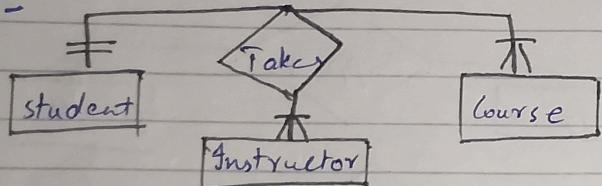


3-TERNARY RELATIONSHIP:-

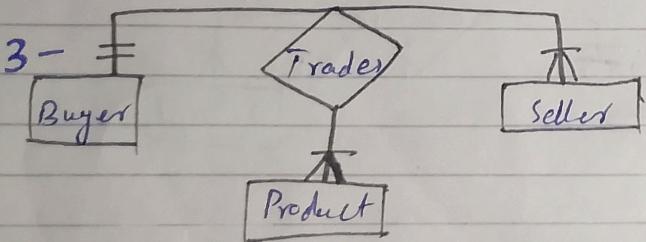
three entities.

EXAMPLES:-

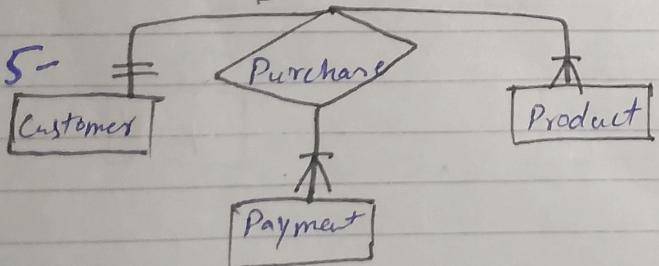
1-



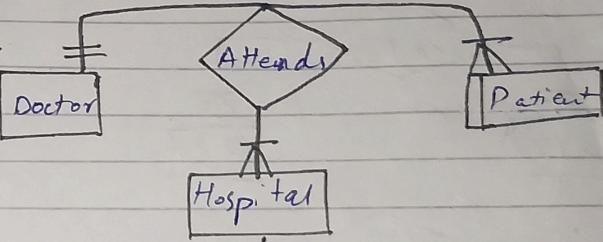
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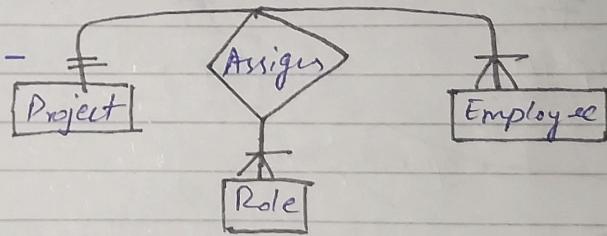
5 -



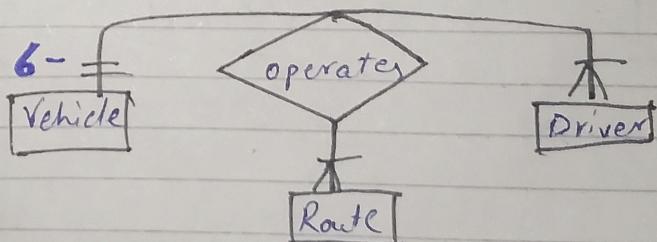
2 -



4 -



6 -



Ternary relationship contains

